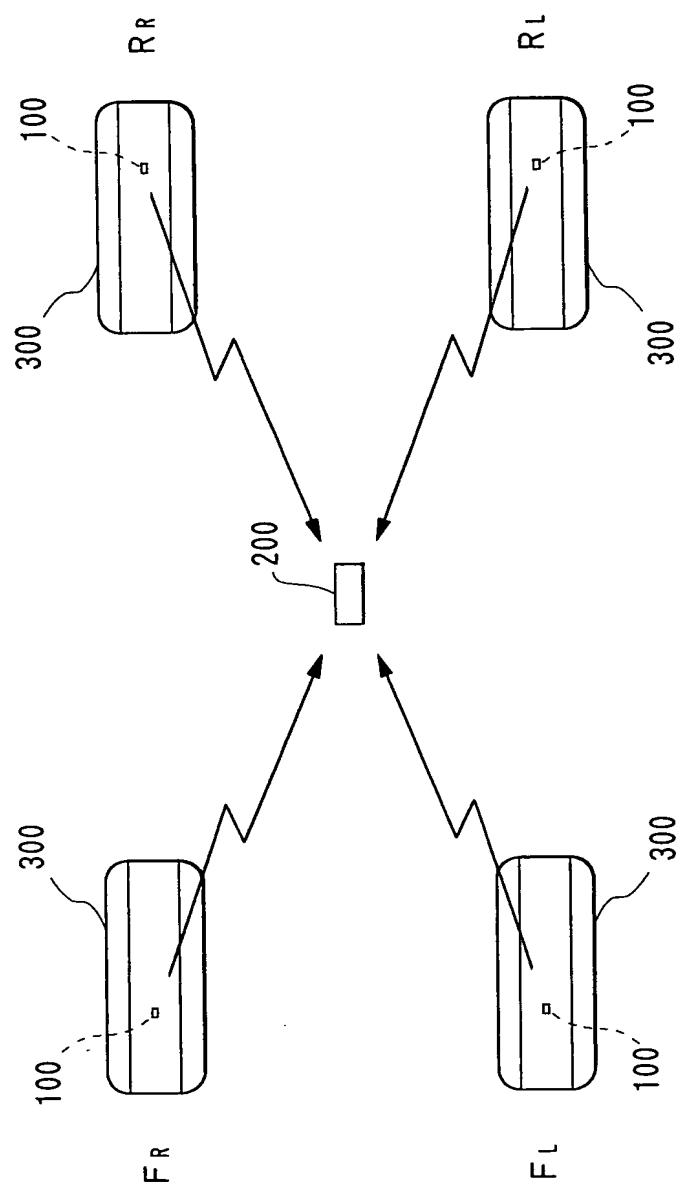


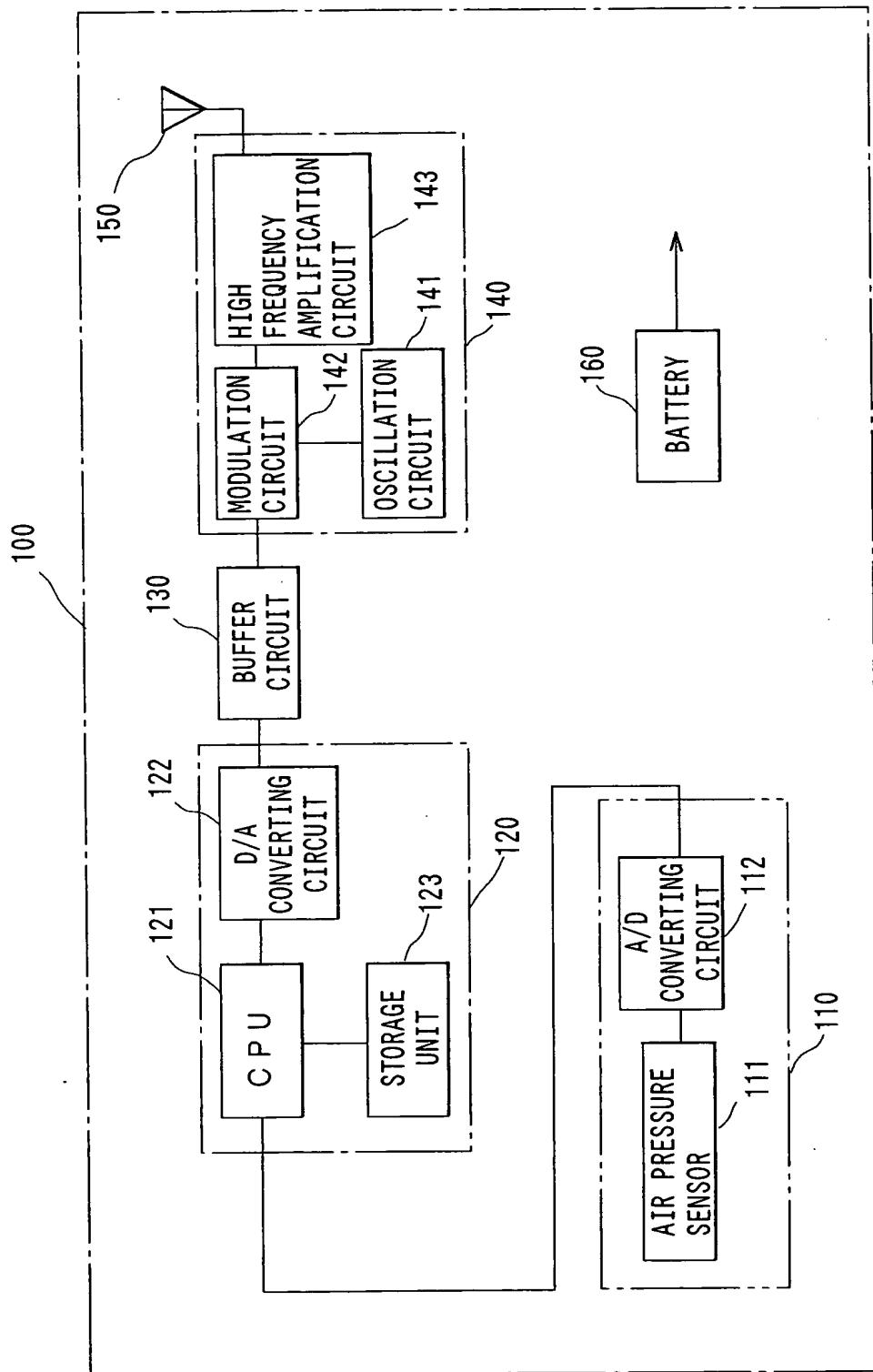
1 / 2 1

Fig. 1



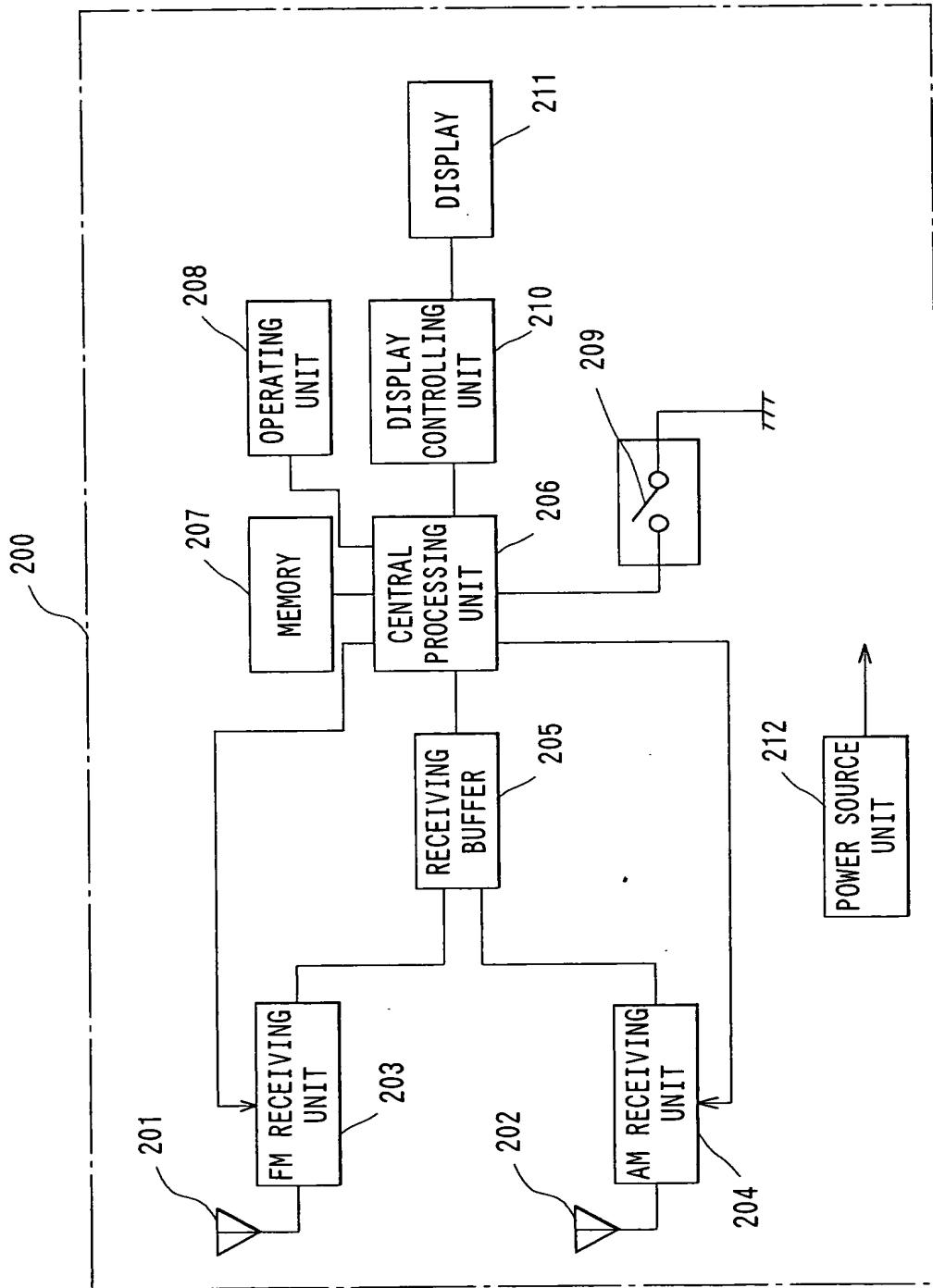
2 / 21

Fig. 2



3 / 21

Fig. 3



10/531951

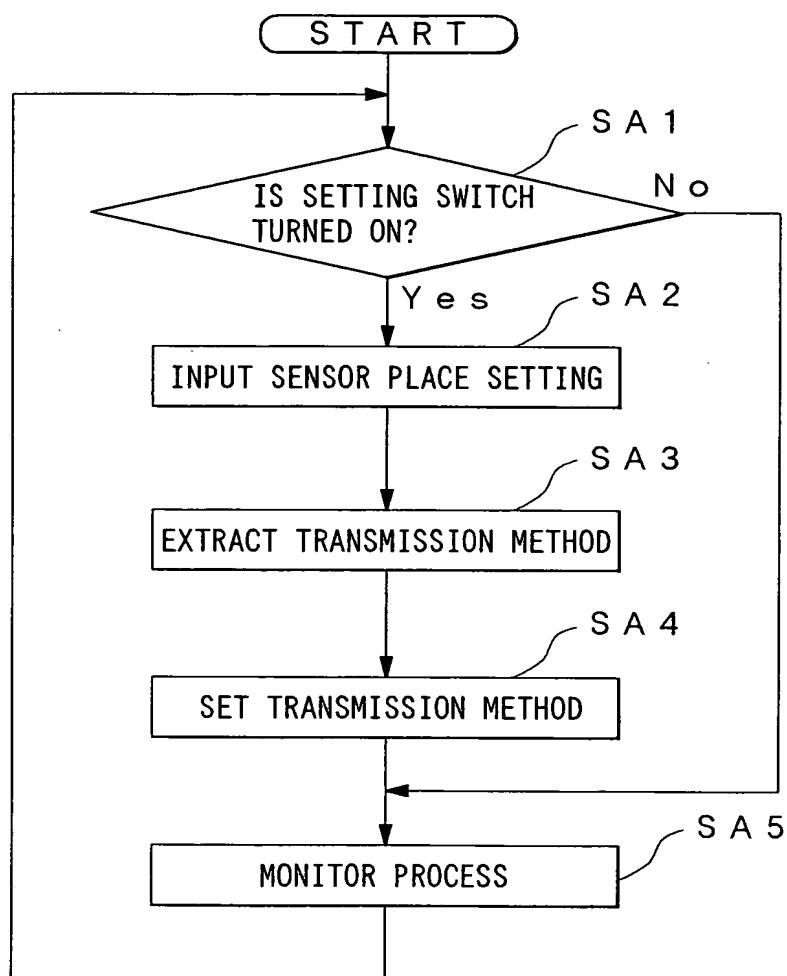
4 / 21

Fig. 4

SENSOR ID	COMMUNICATION PROTOCOL	DEMODULATION METHOD	TRANSFER BIT RATE	DATA FORMAT	FREQUENCY
AA XXXXX	PROTOCOL 1	AM	RATE 2	FORMAT 1	f 1
AB XXXXX	PROTOCOL 2	FM	RATE 1	FORMAT 3	f 2
AC XXXXX	PROTOCOL 3	ASK	RATE 3	FORMAT 5	f 3
BA XXXXX	PROTOCOL 1	PM	RATE 1	FORMAT 2	f 4
BB XXXXX	PROTOCOL 3	PSK	RATE 4	FORMAT 1	f 1
BC XXXXX	PROTOCOL 3	FSK	RATE 5	FORMAT 4	f 5
CA XXXXX	PROTOCOL 2	AM	RATE 1	FORMAT 1	f 6
• • •	• • •	• • •	• • :	• :	• :

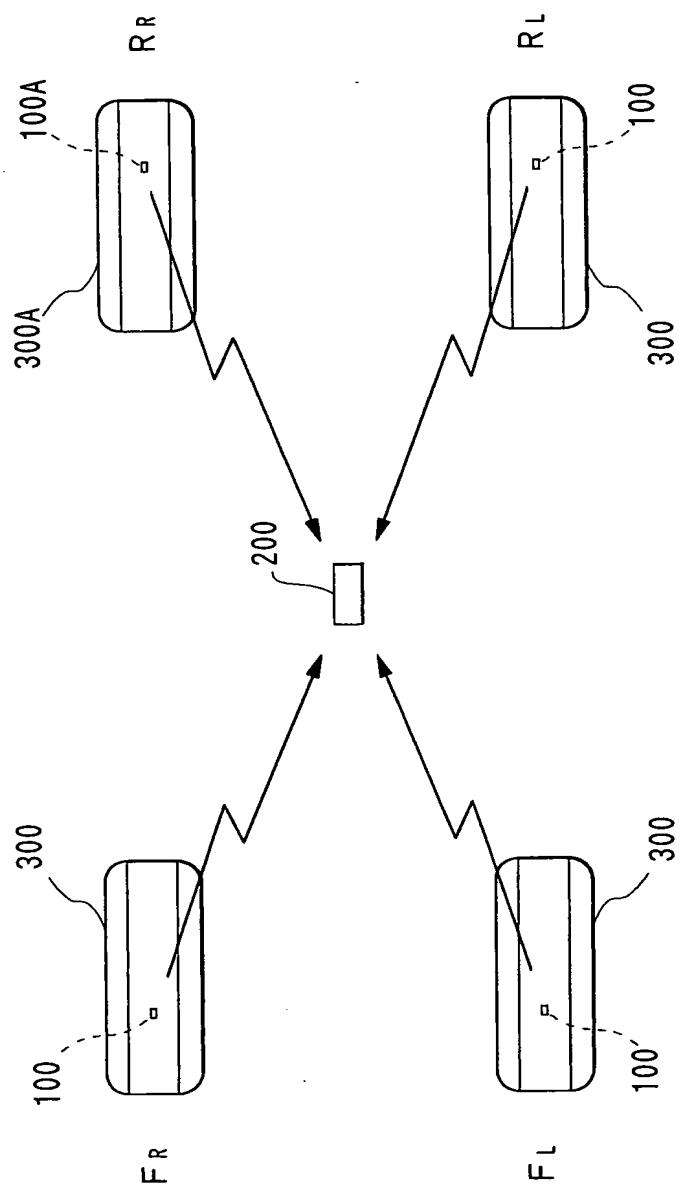
5 / 21

Fig. 5



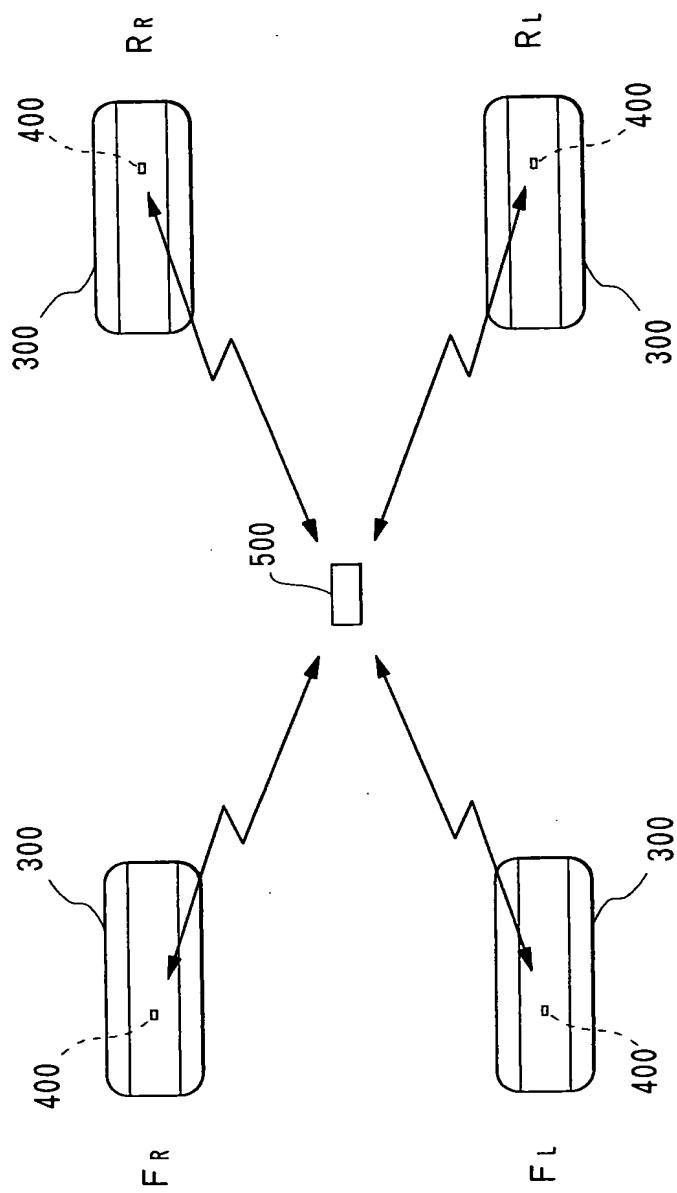
6 / 21

Fig. 6



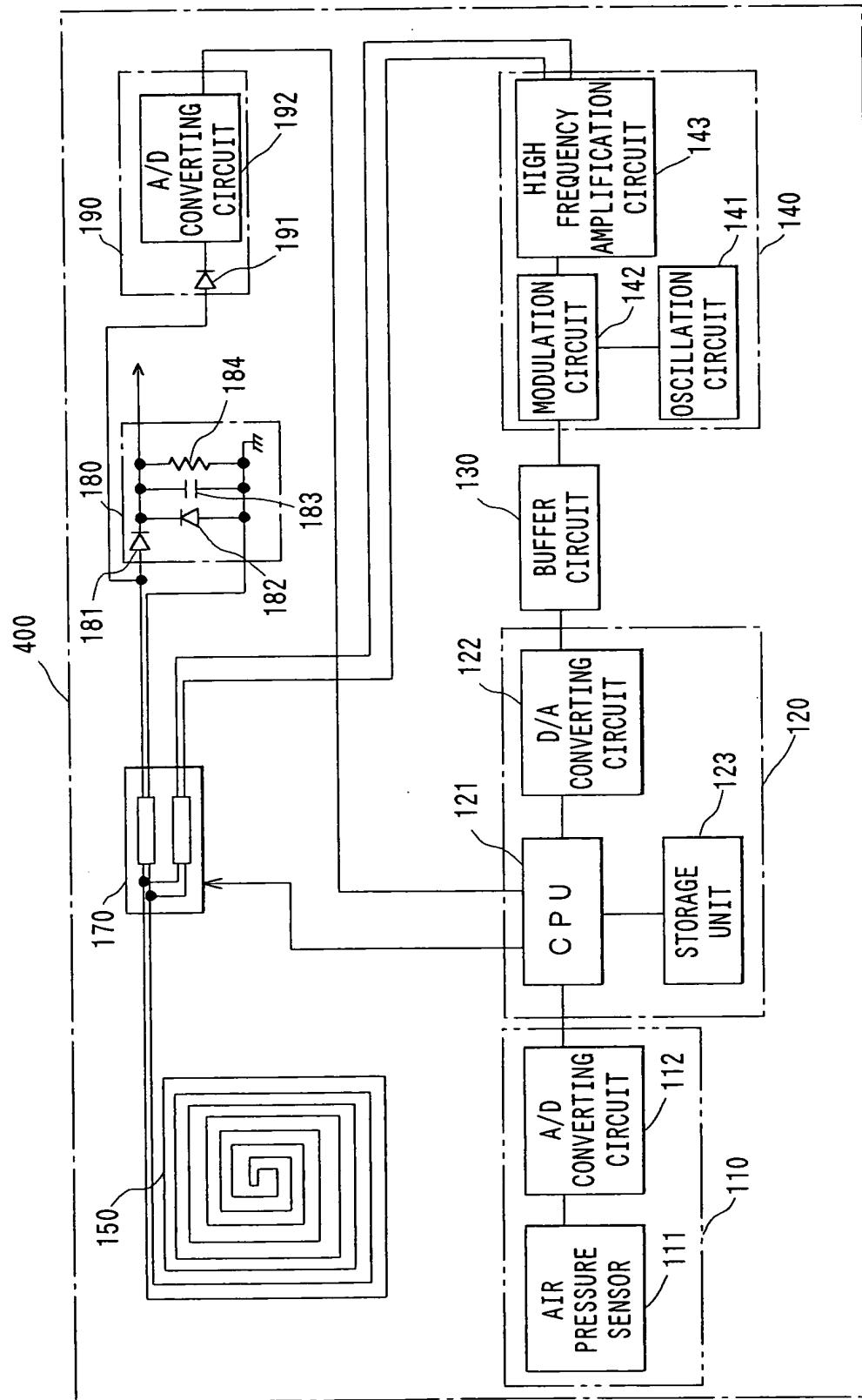
7 / 21

Fig. 7



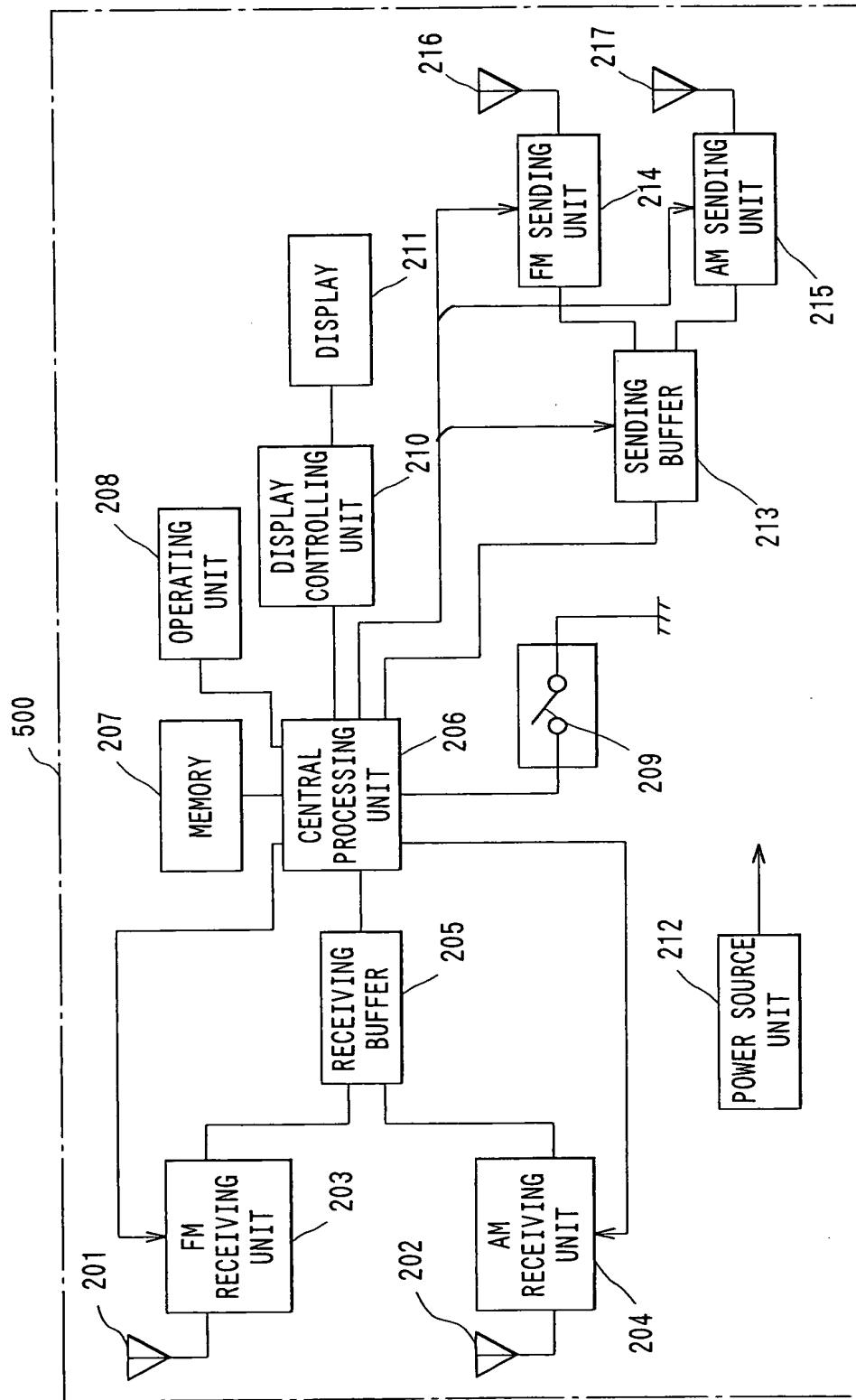
8 / 21

Fig. 8



9 / 21

Fig. 9



10 / 21

Fig. 10

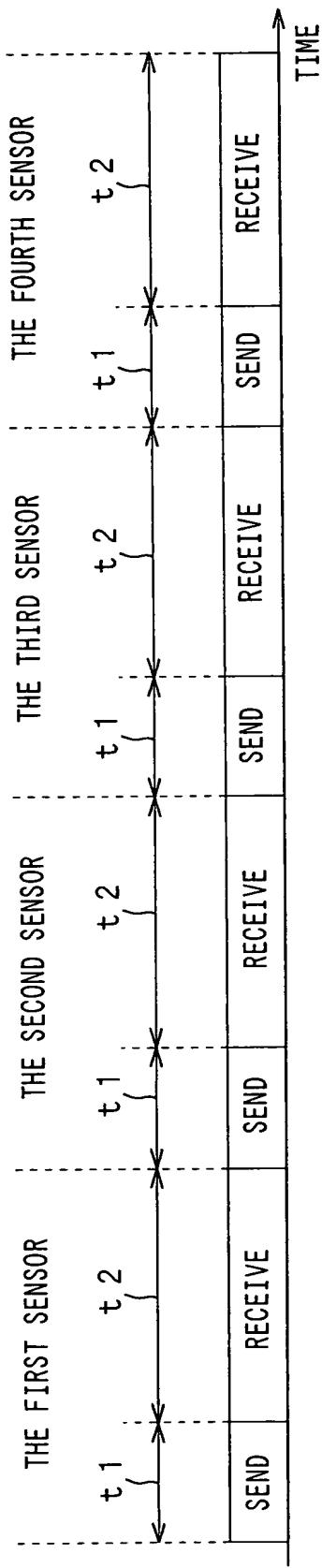
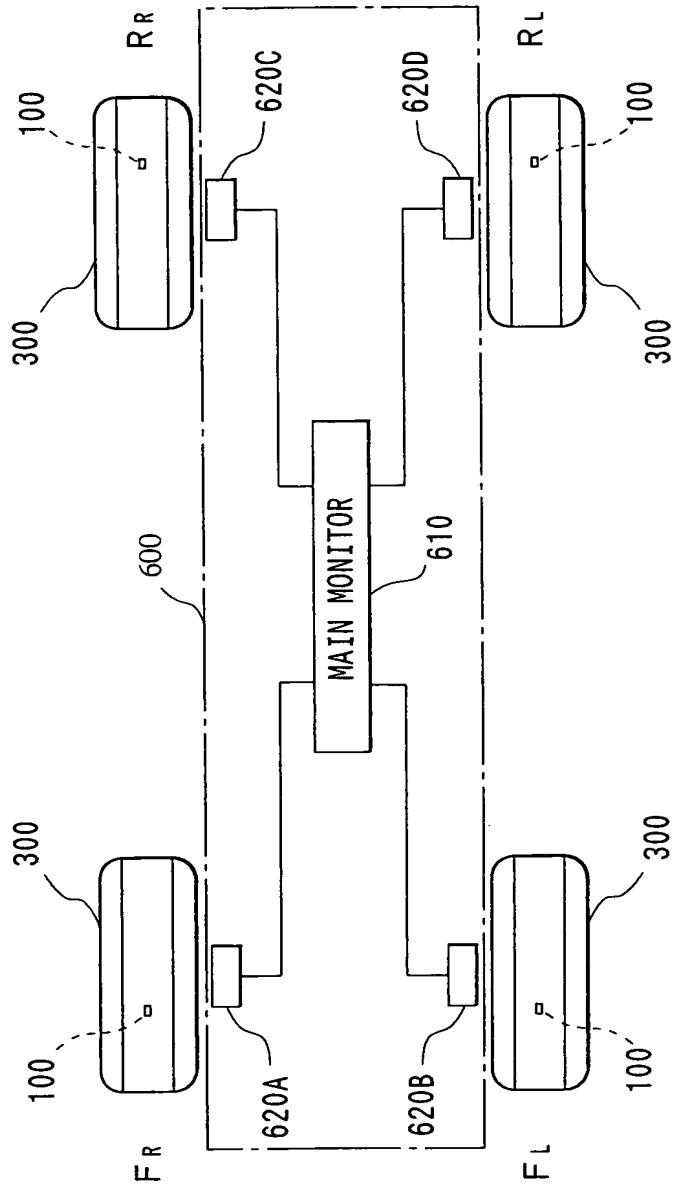
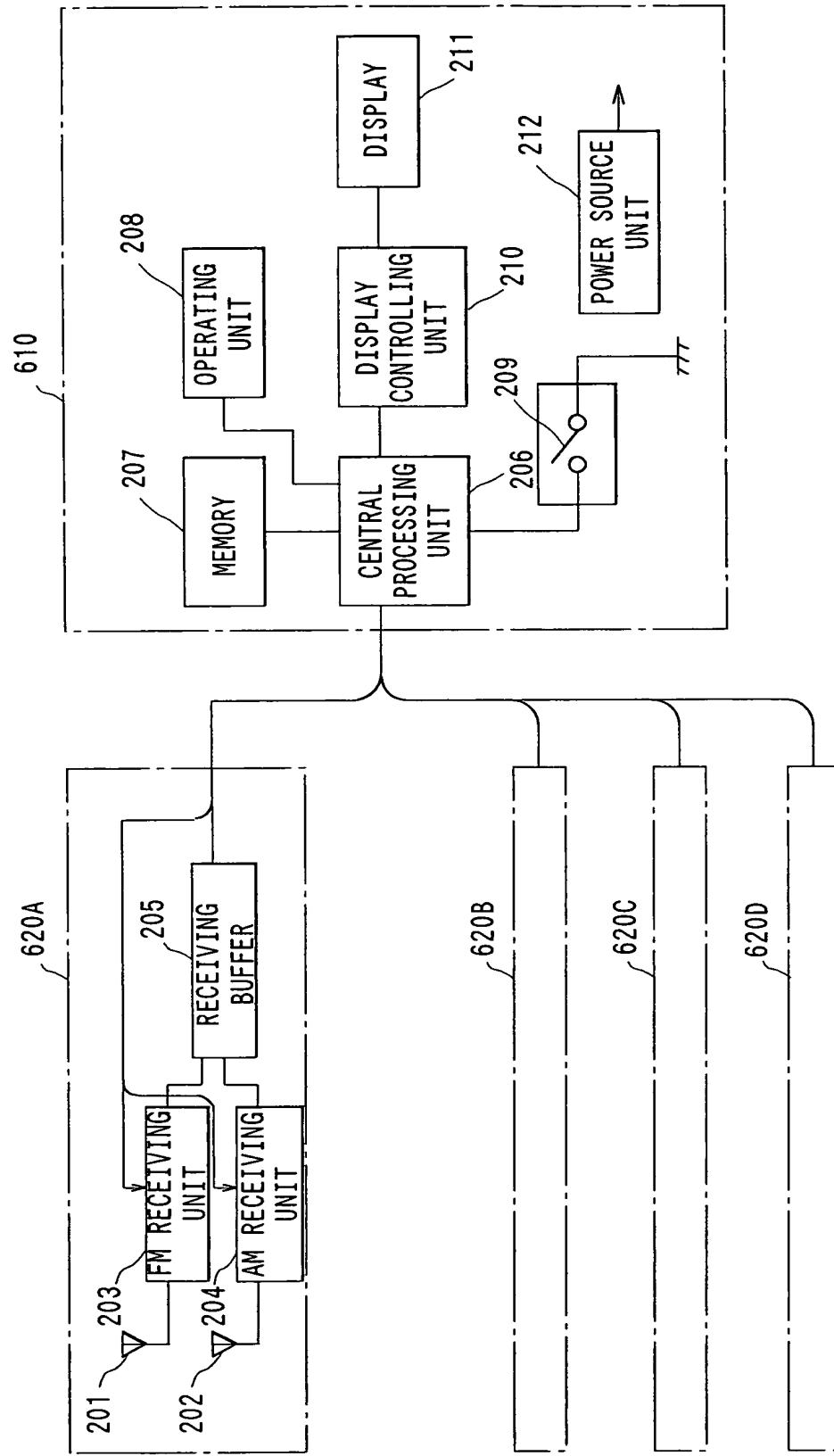


Fig. 11



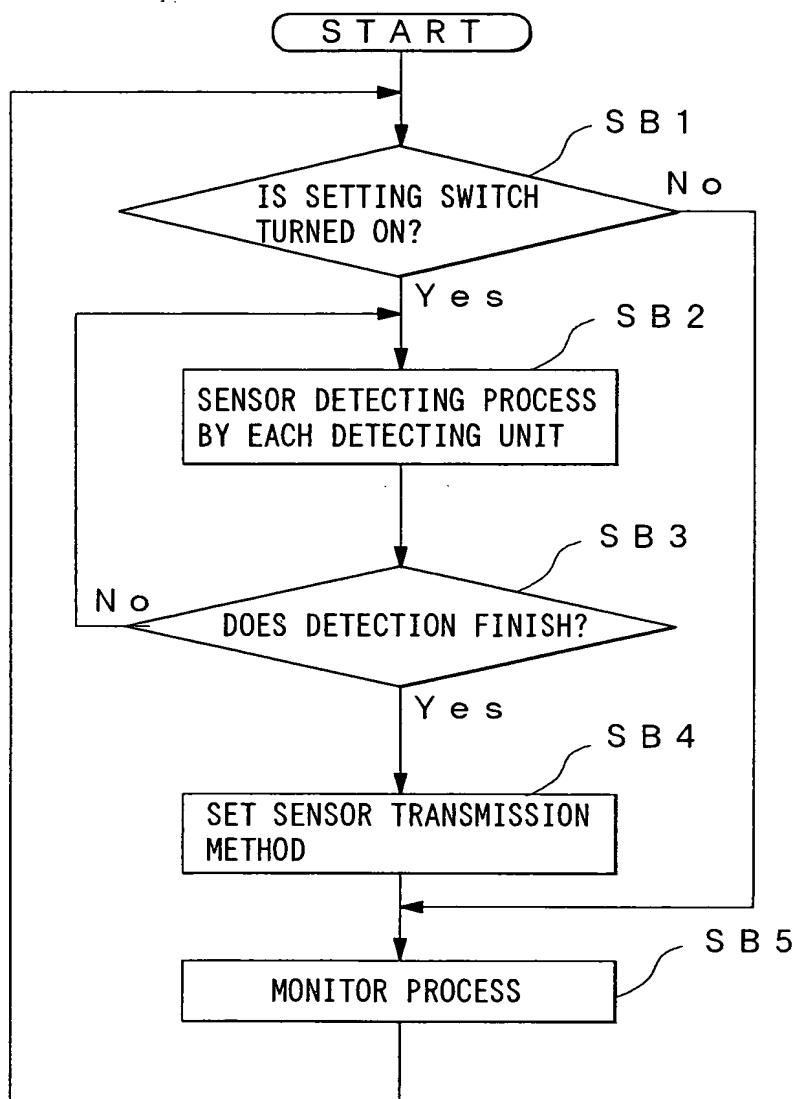
12 / 21

Fig. 12



13 / 21

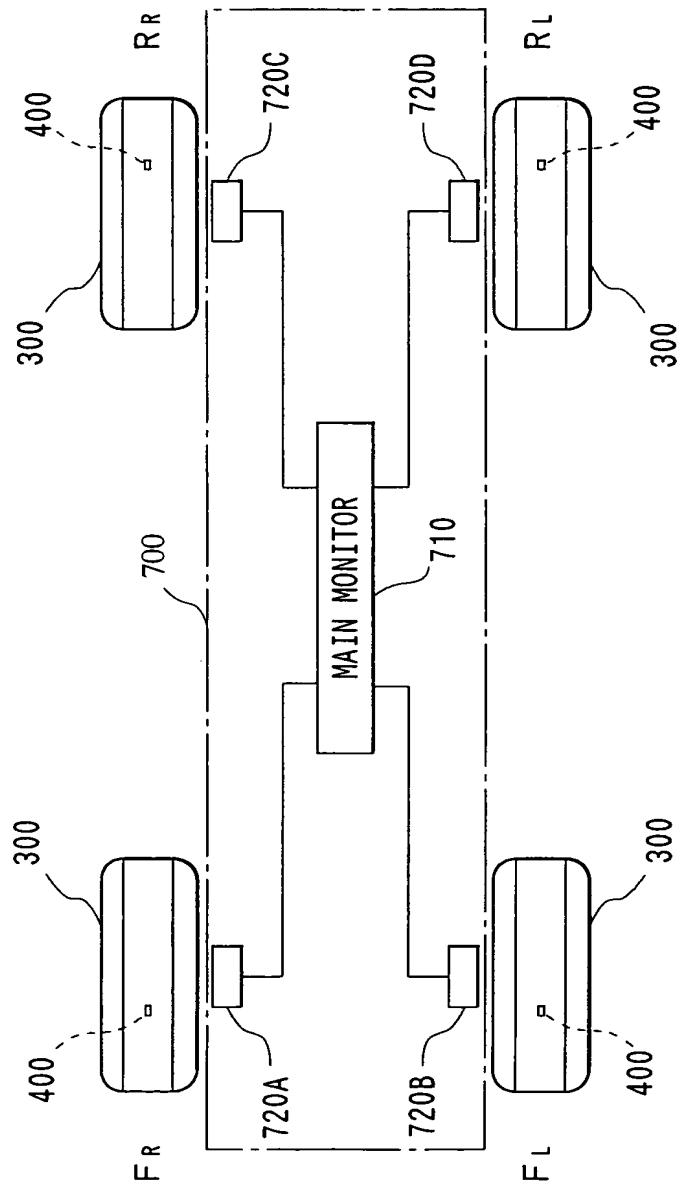
Fig. 13



10/531951

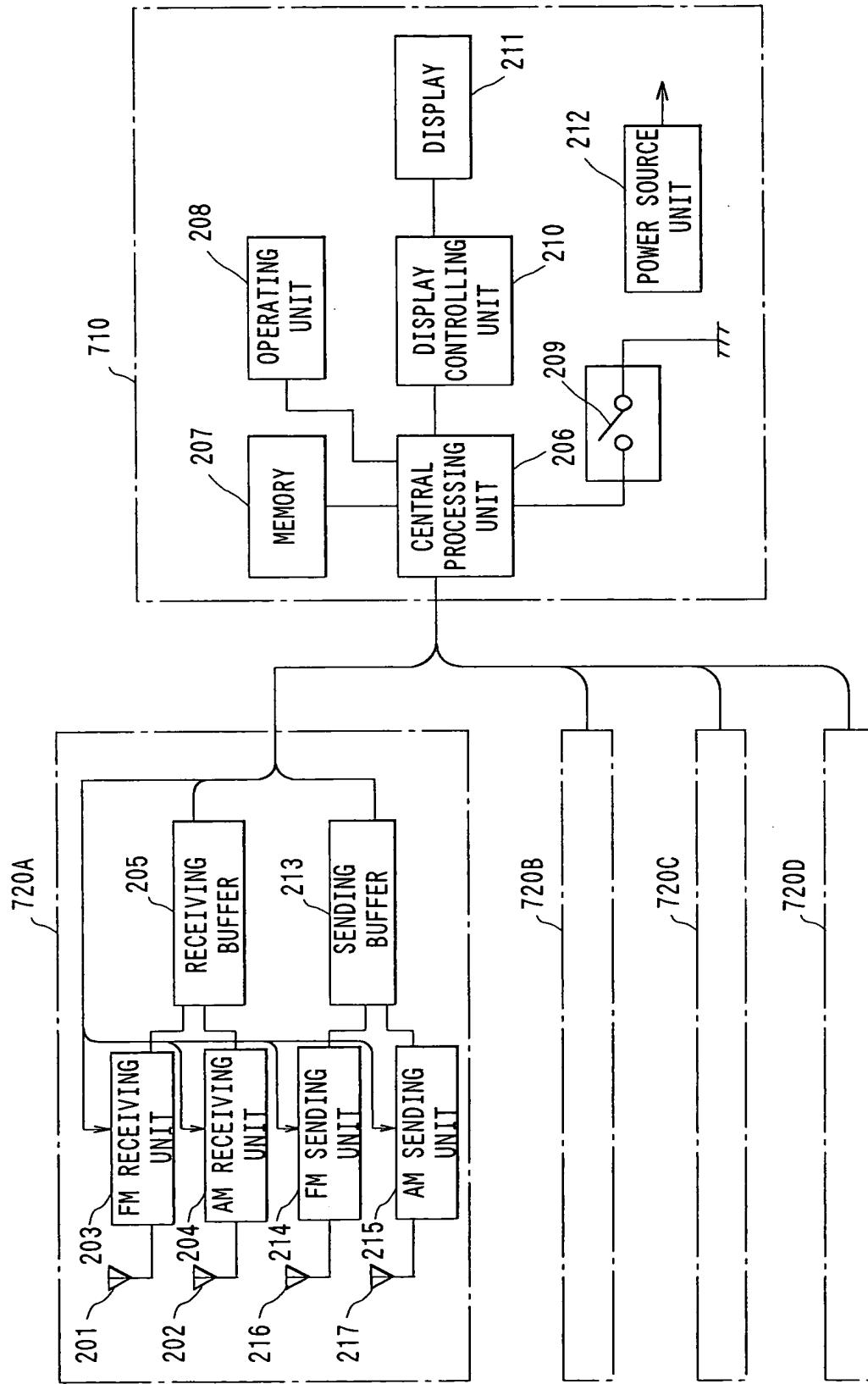
14 / 21

F i g . 1 4



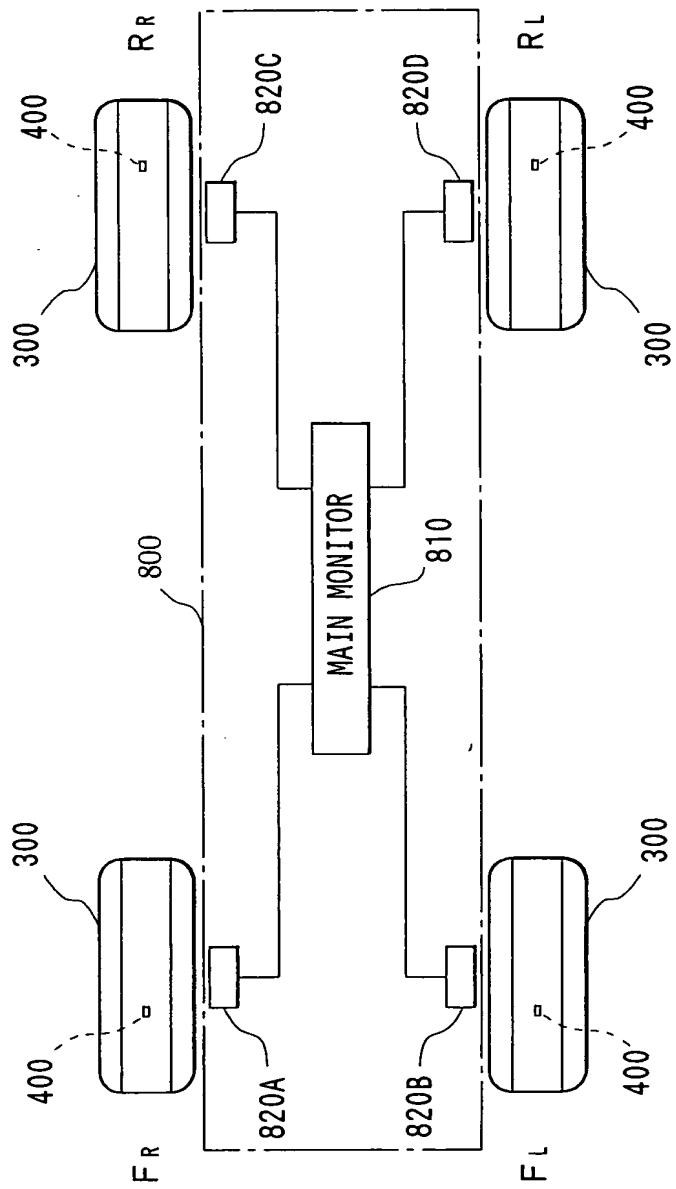
15 / 21

Fig. 15



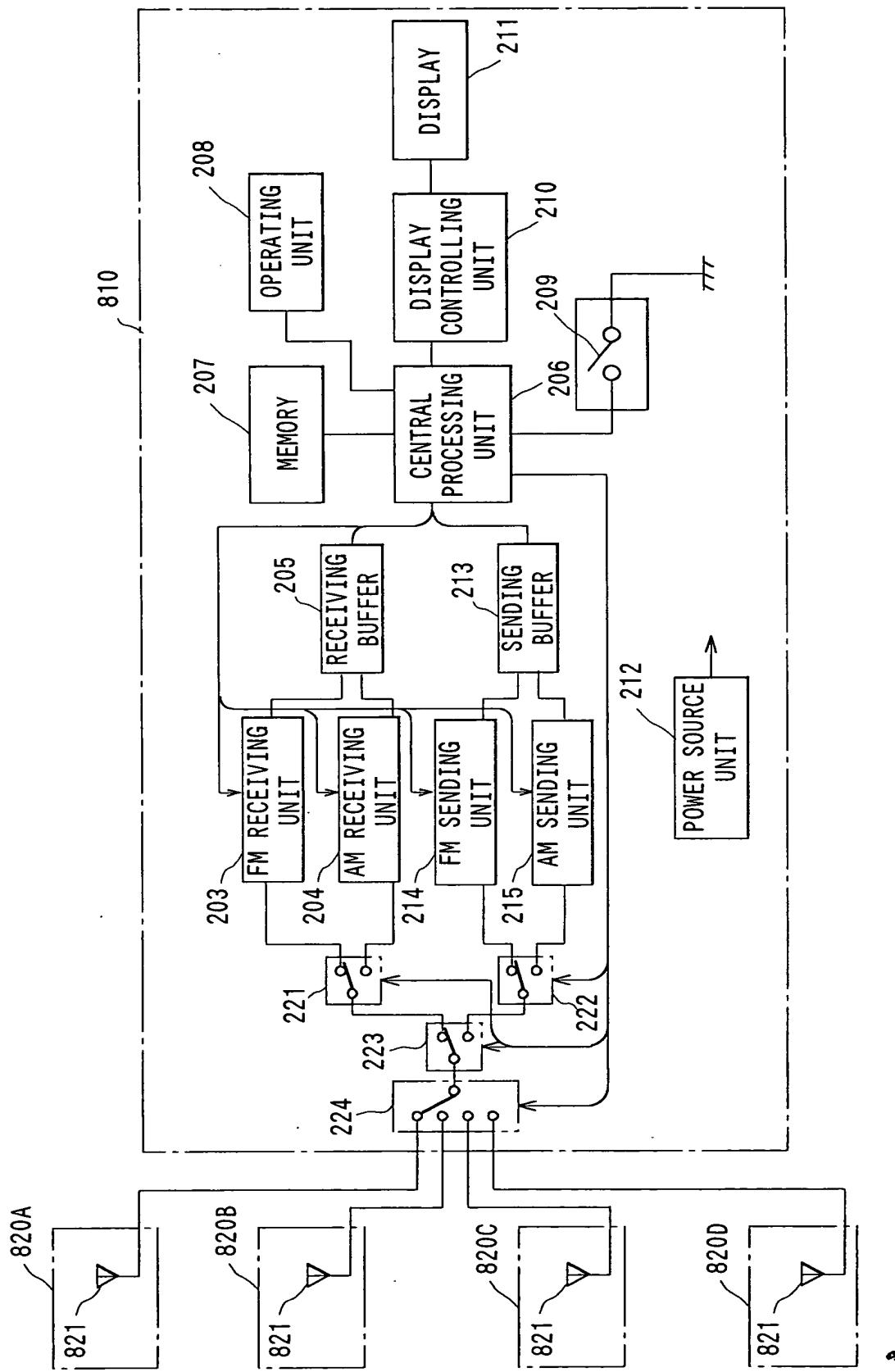
16 / 21

Fig. 16



17 / 21

Fig. 17



10/531951

18 / 21

Fig. 18

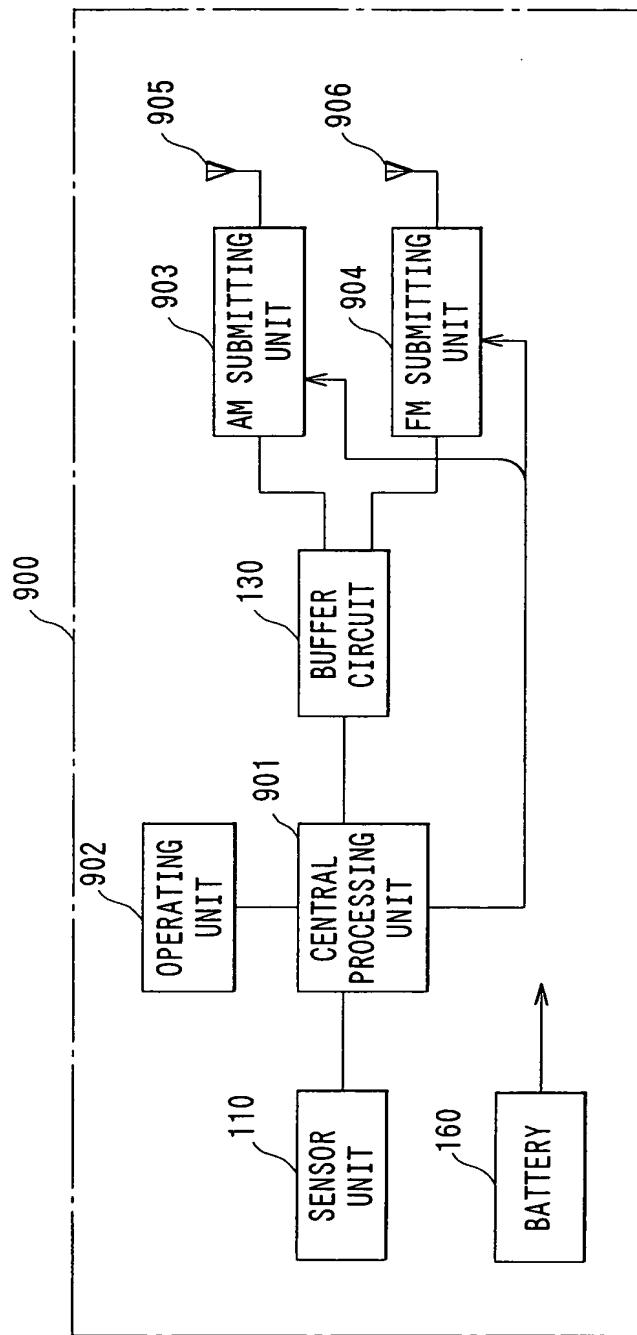
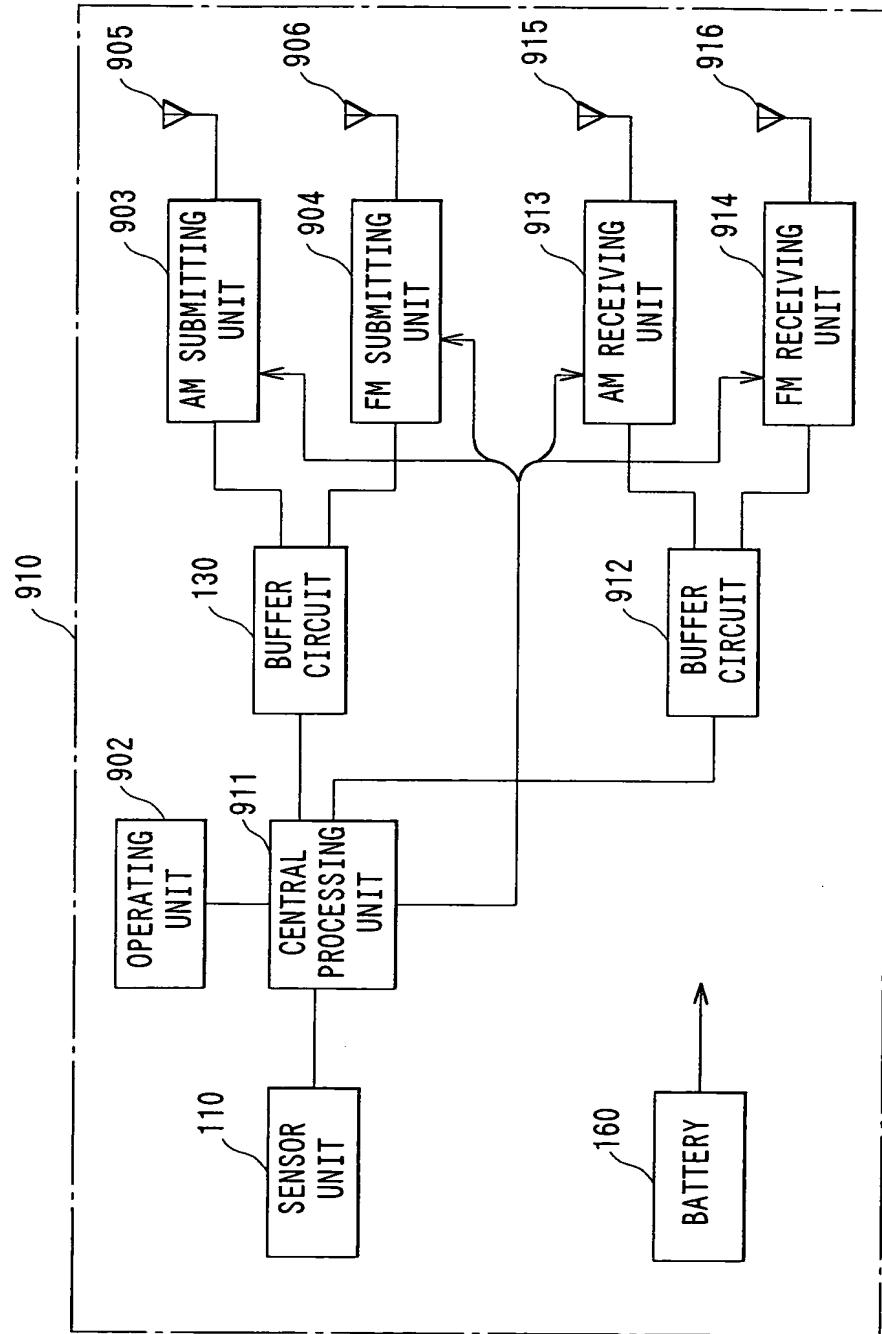


Fig. 19



20 / 21

Fig. 20

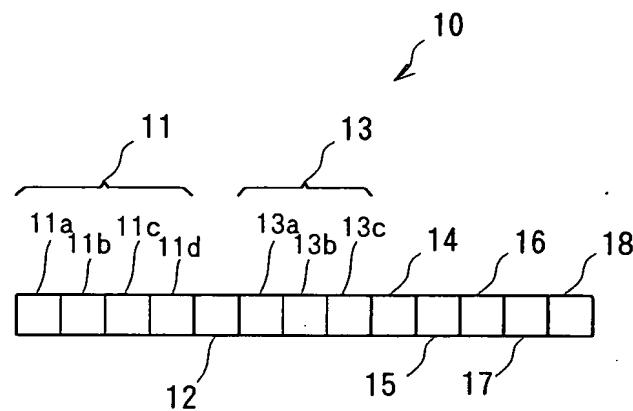
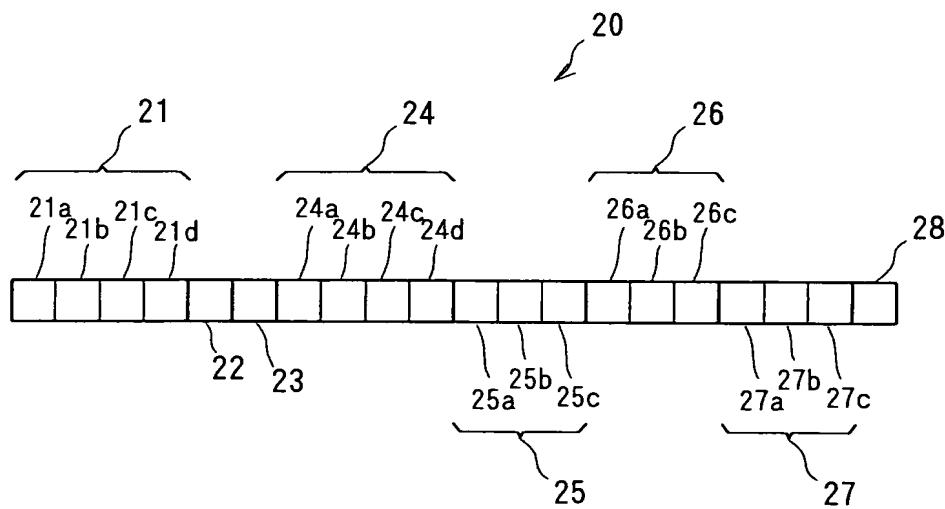


Fig. 21



21 / 21

## Fig. 22

$$\begin{array}{cccc} 1 & 2 & 4 & 8 \\ \boxed{1} & 0 & 1 & 0 \\ \text{LSB} & & \text{MSB} \end{array} = 5$$

## Fig. 23

$$\begin{array}{cccc} 8 & 4 & 2 & 1 \\ \boxed{1} & 0 & 1 & 0 \\ \text{MSB} & & \text{LSB} \end{array} = A(10)$$